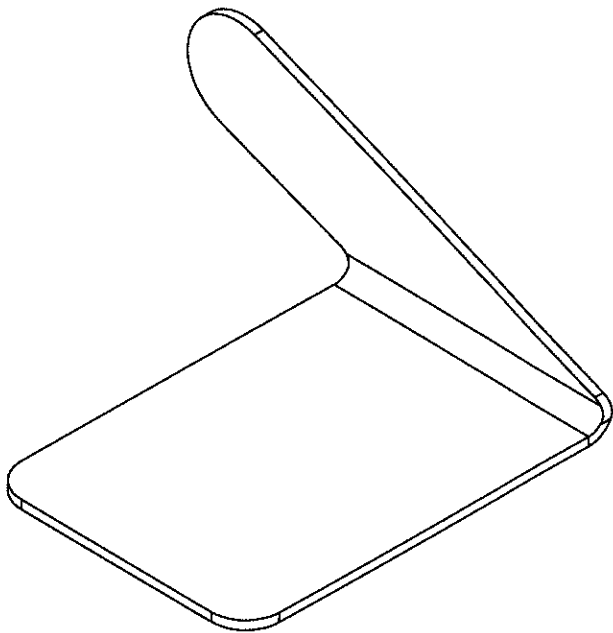
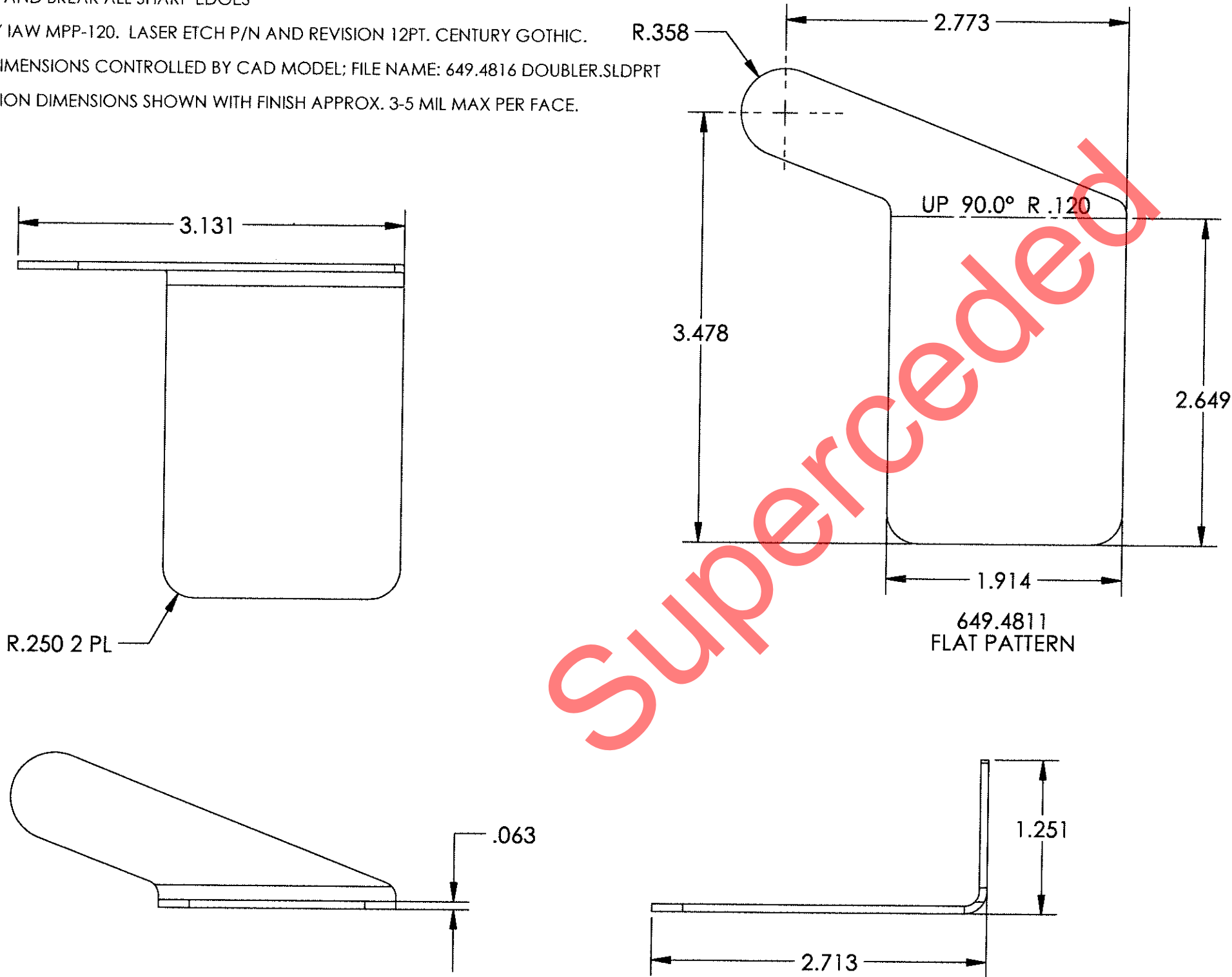


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NOTES: UNLESS OTHERWISE SPECIFIED

- 1 MATERIAL: ALUMINUM 2024-T3 PER AMS-QQ-A-250/4
- 2 FINISH: HARD ANODIZE IAW MIL-A-8625 TYPE III, CLASS 2, COLOR BLACK; PRETREAT PR-148 ADHESION PROMOTER, PRIME IAW MIL-P-23377J, TYPE I, CLASS N
3. DEBURR AND BREAK ALL SHARP EDGES
4. IDENTIFY IAW MPP-120. LASER ETCH P/N AND REVISION 12PT. CENTURY GOTHIC.
- 5 PART DIMENSIONS CONTROLLED BY CAD MODEL; FILE NAME: 649.4816 DOUBLER.SLDPRT
6. INSPECTION DIMENSIONS SHOWN WITH FINISH APPROX. 3-5 MIL MAX PER FACE.

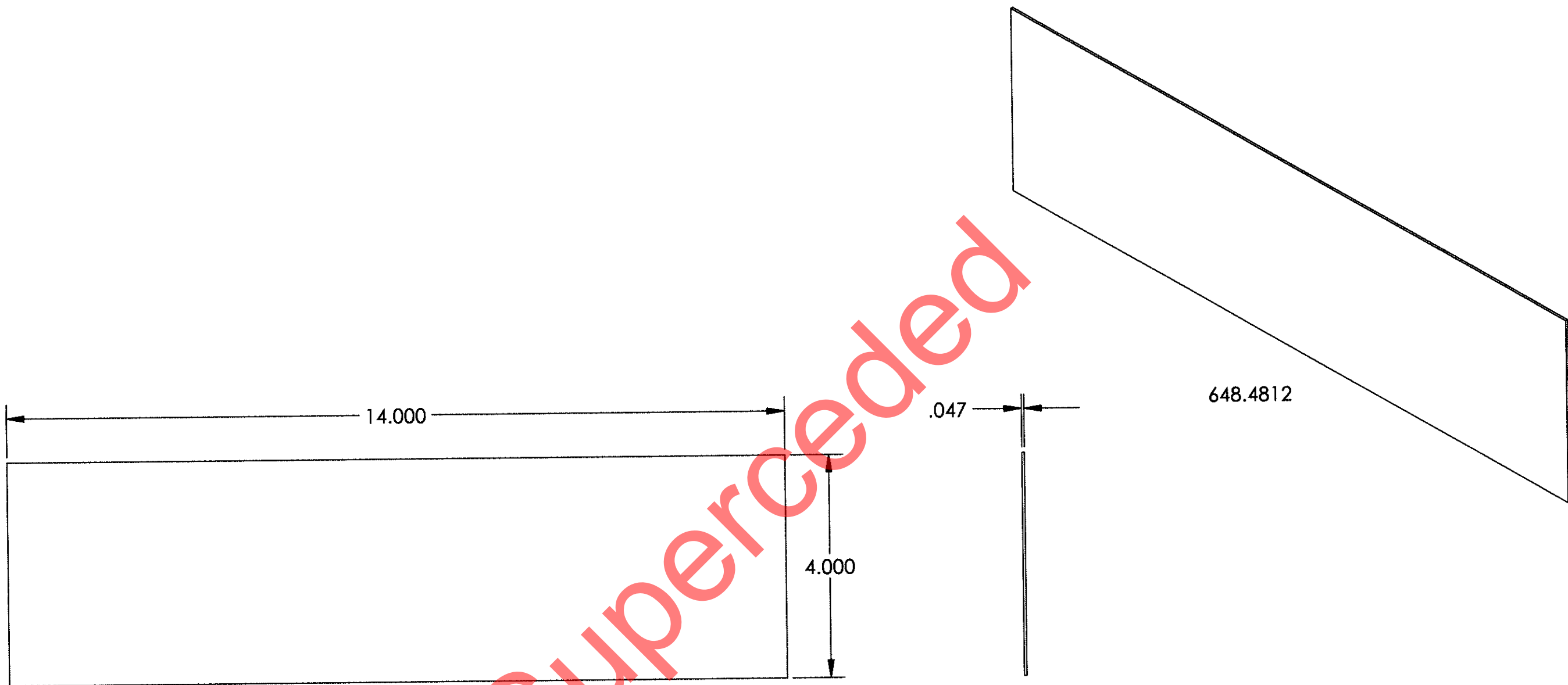
REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
	LAST PROTOTYPE REVISION: PR2		
N/C	INITIAL RELEASE	11-02-11	P. BRAVO
A	INCORPORATED ECN 03475	04-11-12	P. BRAVO
B	INCORPORATED ECN 05502	07-28-16	P. BRAVO
C	INCORPORATED ECN 05801	07-26-17	P. BRAVO
D	INCORPORATED ECN 05848, 05854	09-11-17	P. BRAVO



649.4811

	11	649.4820	SHIM	1	2
	10	649.4819	SHIM	1	2
	9	649.4818	SHIM	1	2
	8	649.4817	SHIM	1	2
	7	649.4816	DOUBLER	1	2, 5
	6	649.4815	SHIM	1	2
	5	649.4814	DOUBLER	1	2
	4	649.4813	SHIM	1	2
	3	649.4812	SHIM	1	2
	2	649.4811	CLIP	1	2
	1		DELETED		
	FIND #	PART #	DESCRIPTION	MAT'L	SPEC.
QTY	PARTS LIST				
NEXT ASSY (S)	ORIGINAL DATE (MO-DA-YR)	11-02-11	<b>DART AEROSPACE</b> APICAL INDUSTRIES, INC. dba DART AEROSPACE 3030 ENTERPRISE CT., SUITE A VISTA, CA. 92081 (760)-724-5300		
649.4700	DRAWN BY	A. QUAN			
	CHECKER	P. BRAVO			
	DRAWING APPROVAL	P. BRAVO			
	11-02-11		SHEETMETAL		
	CONTRACT NO.				
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.03 3 PLACE DECIMALS ±.010 ANGLES ±.5°			SIZE	CAGE CODE	DWG. NO.
			B	07MZ6	649.4800
			SCALE	NONE	SHEET 1 OF 8

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ORIGINAL DATE (MO-DA-YR) 11-02-11		<b>DART</b> AEROSPACE APICAL INDUSTRIES, INC. dba DART AEROSPACE		3030 ENTERPRISE CT., SUITE A VISTA, CA. 92081 (760)-724-5300	
DRAWN BY A. QUAN	CHECKER P. BRAVO				
DRAWING APPROVAL P. BRAVO 11-02-11					
CONTRACT No.		SHEETMETAL			
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.03 3 PLACE DECIMALS ±.010 ANGLES ±.5°		SIZE B	CAGE CODE 07MZ6	DWG. NO. 649.4800	REV. D
		SCALE NONE		SHEET 2 OF 8	

1 2 3 4 5 6 7 8

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A

B

C

D

.15 X 45.0° 4PL

10.350

10.051

649.4813

.400

.700

59.838

R59.998

5.854

.130

.195

ORIGINAL DATE  
(MO-DA-YR) 11-02-11  
DRAWN BY A. QUAN  
CHECKER P. BRAVO  
DRAWING APPROVAL  
P. BRAVO  
11-02-11  
CONTRACT No.

UNLESS OTHERWISE SPECIFIED  
DIMENSIONS ARE IN INCHES  
TOLERANCES ARE:  
2 PLACE DECIMALS  $\pm .03$   
3 PLACE DECIMALS  $\pm .010$   
ANGLES  $\pm .5^\circ$

**DART**  
AEROSPACE  
APICAL INDUSTRIES, INC.  
dba DART AEROSPACE

3030 ENTERPRISE CT.,  
SUITE A  
VISTA, CA. 92081  
(760)-724-5300

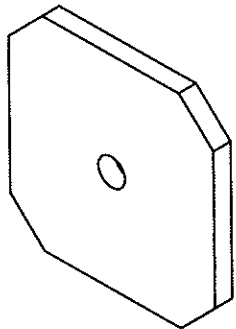
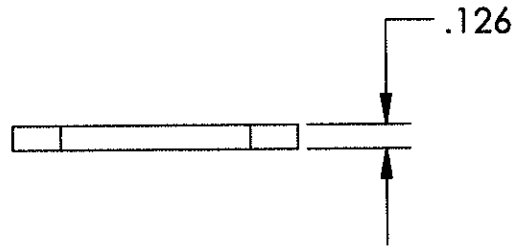
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SIZE	CAGE CODE	DWG. NO.	REV.
B	07MZ6	649.4800	D
SCALE NONE		SHEET 3 OF 8	

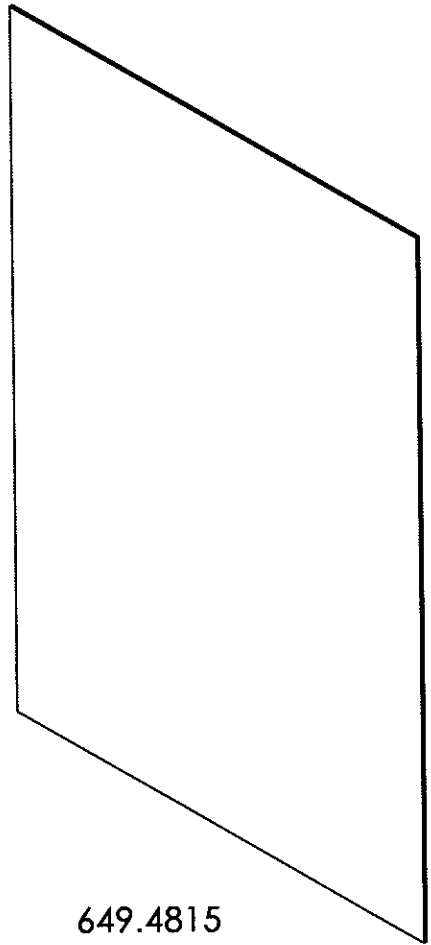
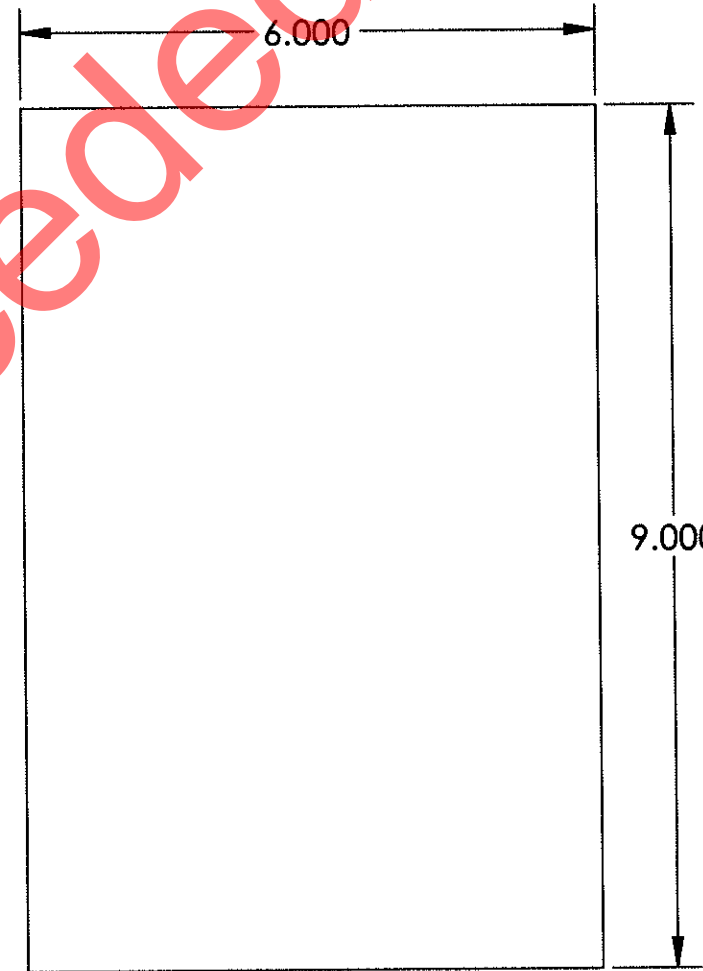
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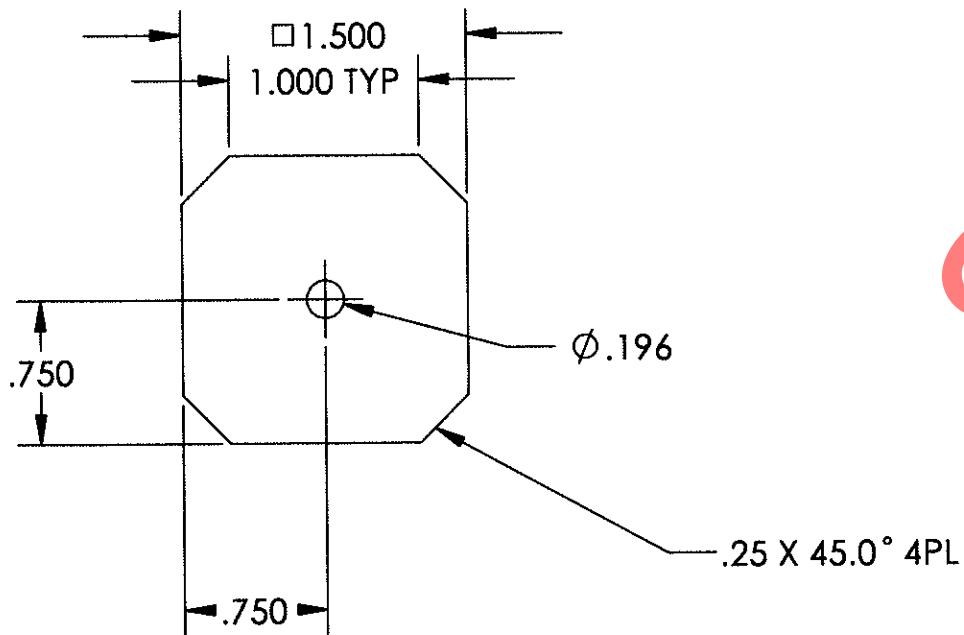
1 2 3 4 5 6 7 8



649.4814



649.4815

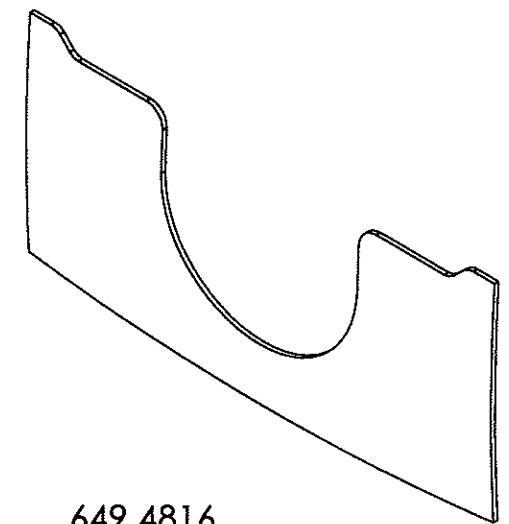
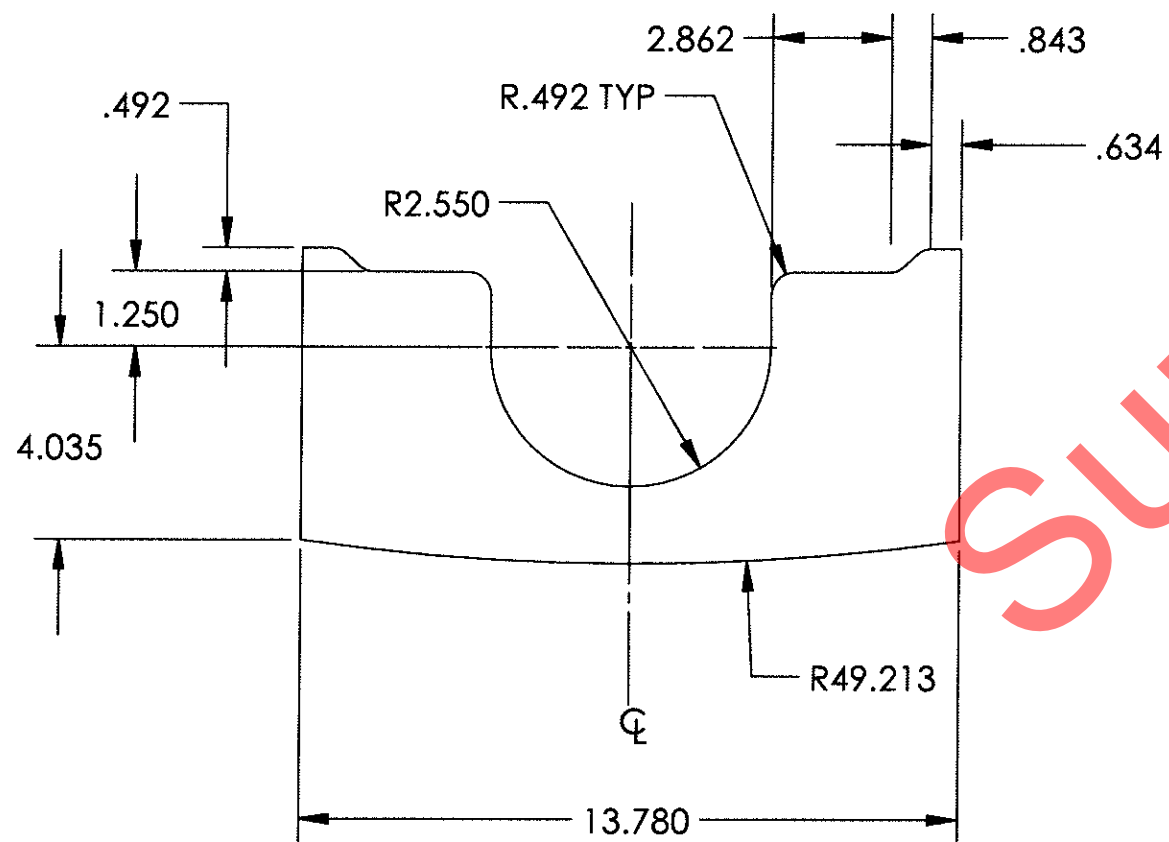


Superseded

ORIGINAL DATE (MO-DA-YR) 11-02-11		<b>DART</b> AEROSPACE APICAL INDUSTRIES, INC. dba DART AEROSPACE		3030 ENTERPRISE CT., SUITE A VISTA, CA. 92081 (760)-724-5300	
DRAWN BY A. QUAN	CHECKER P. BRAVO				
DRAWING APPROVAL P. BRAVO 11-02-11		SHEETMETAL			
CONTRACT No.		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.03 3 PLACE DECIMALS ±.010 ANGLES ±.5°		SIZE B	REV. D
		CAGE CODE 07MZ6	DWG. NO. 649.4800	SCALE NONE	
		SHEET 4 OF 8			

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649.4816

ORIGINAL DATE (MO-DA-YR) 11-02-11		3030 ENTERPRISE CT., SUITE A VISTA, CA. 92081 (760)-724-5300	
DRAWN BY A. QUAN		CHECKER P. BRAVO	
DRAWING APPROVAL P. BRAVO 11-02-11		APICAL INDUSTRIES, INC. dba DART AEROSPACE	
CONTRACT No.		SHEETMETAL	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.03 3 PLACE DECIMALS ±.010 ANGLES ±.5°		SIZE B	REV. D
CAGE CODE 07MZ6		DWG. NO. 649.4800	
SCALE NONE		SHEET 5 OF 8	

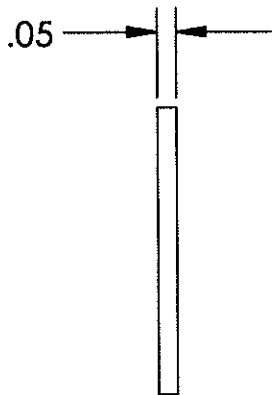
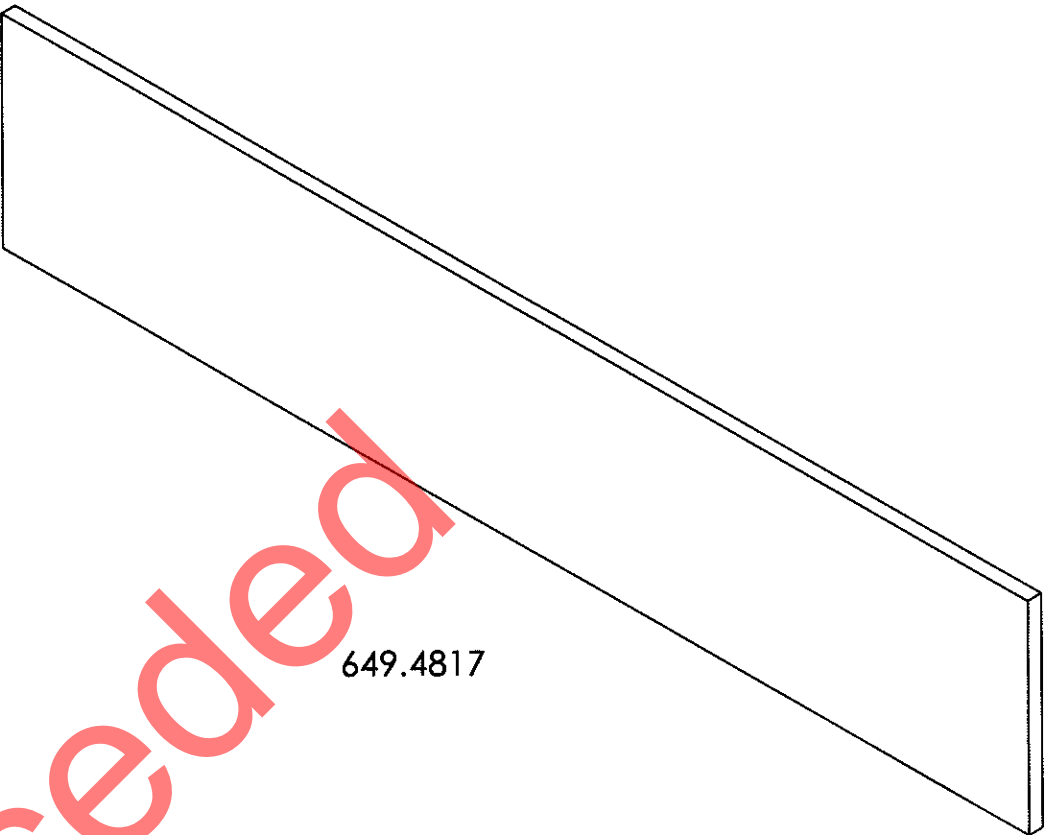
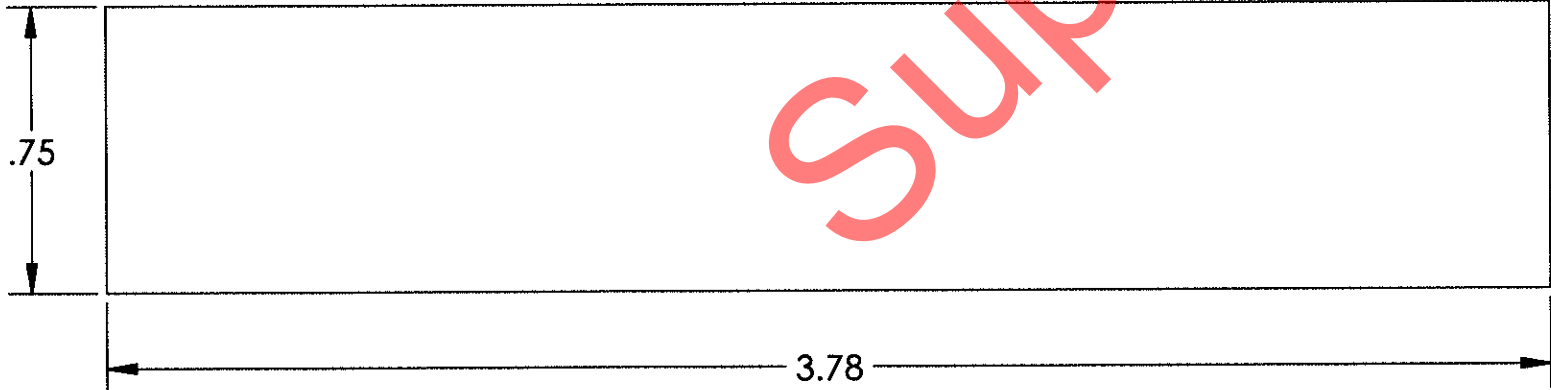
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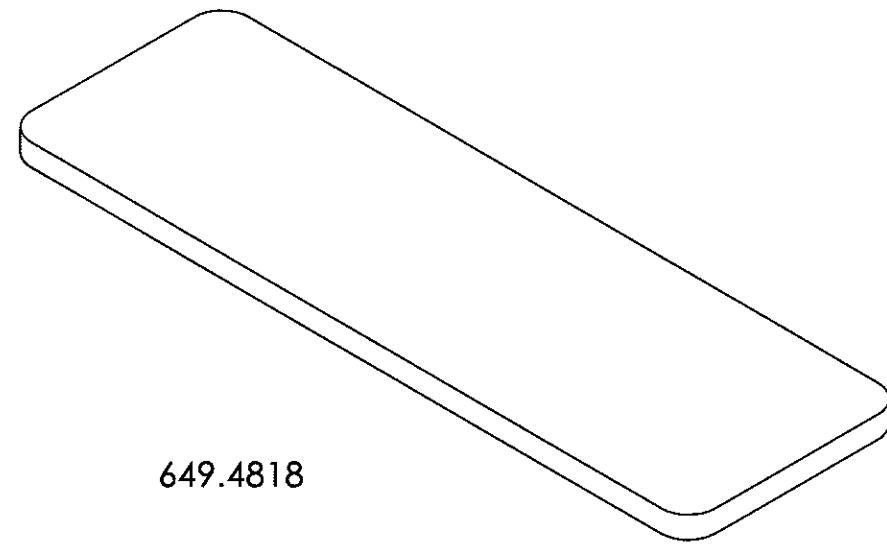
ORIGINAL DATE  
(MO-DA-YR) 11-02-11  
DRAWN BY A. QUAN  
CHECKER P. BRAVO  
DRAWING APPROVAL  
P. BRAVO  
11-02-11  
CONTRACT No.

UNLESS OTHERWISE SPECIFIED  
DIMENSIONS ARE IN INCHES  
TOLERANCES ARE:  
2 PLACE DECIMALS  $\pm .03$   
3 PLACE DECIMALS  $\pm .010$   
ANGLES  $\pm 5^\circ$

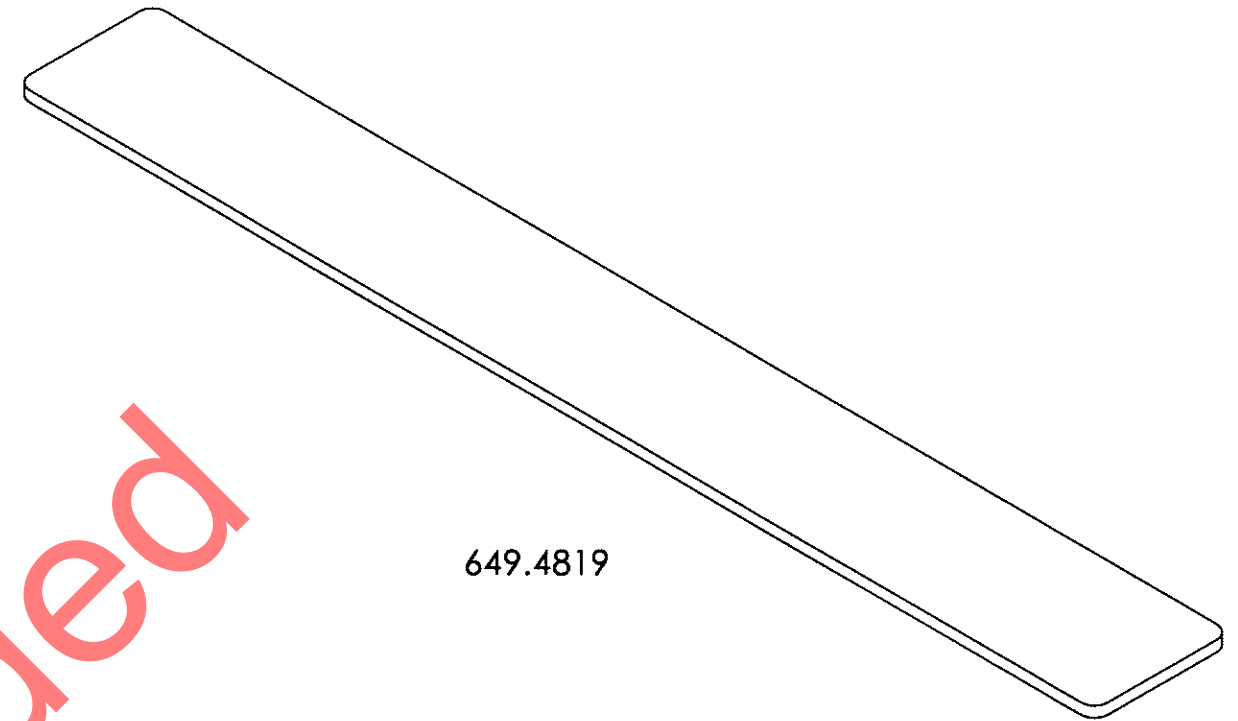
**DART**  
AEROSPACE  
APICAL INDUSTRIES, INC.  
dba DART AEROSPACE  
3030 ENTERPRISE CT.,  
SUITE A  
VISTA, CA 92081  
(760)-724-5300

**SHEETMETAL**  
SIZE B CAGE CODE 07M26 DWG. NO. 649.4800 REV. D  
SCALE NONE SHEET 6 OF 8

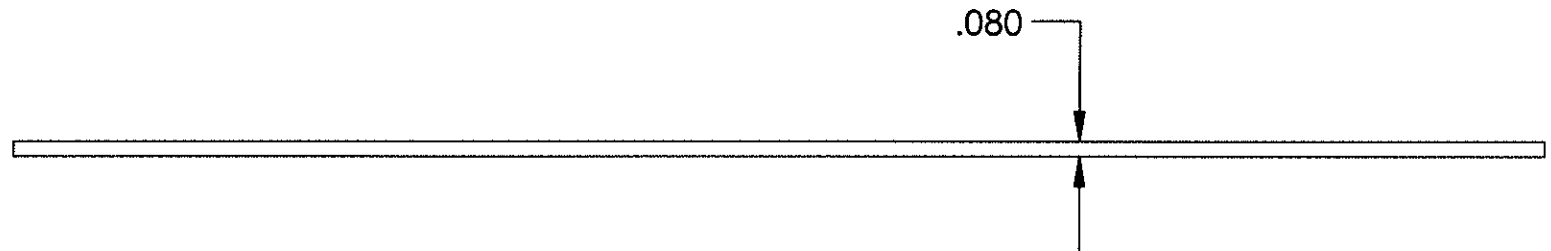
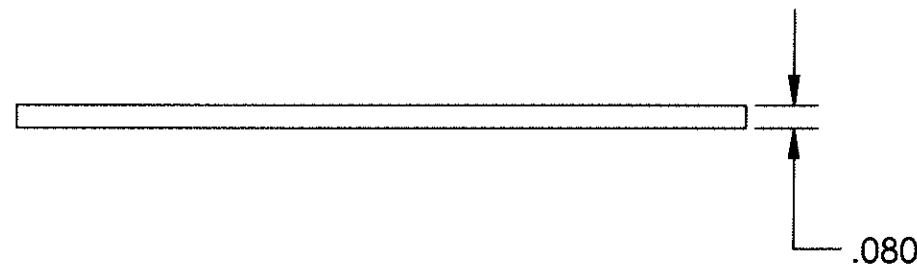
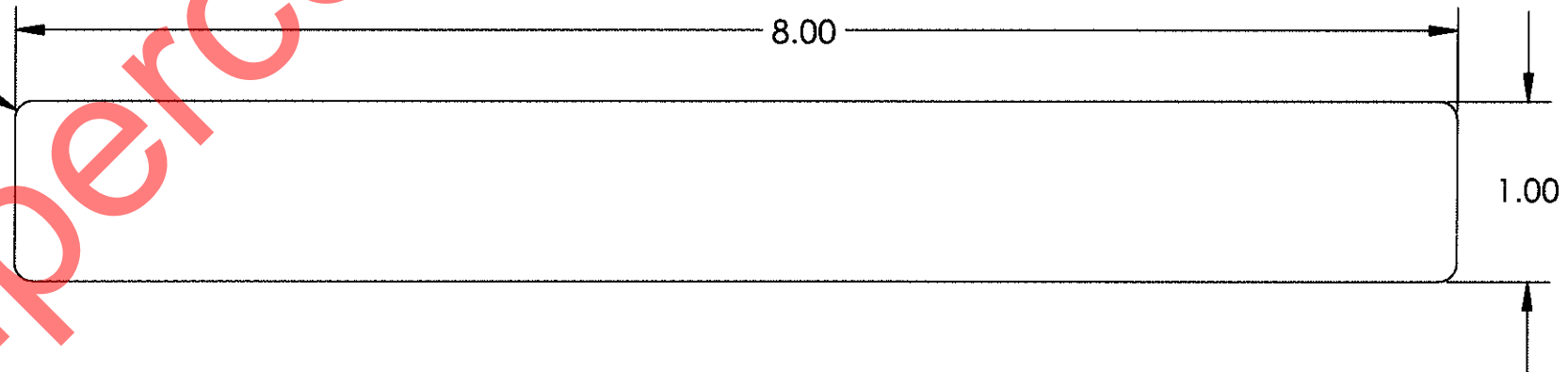
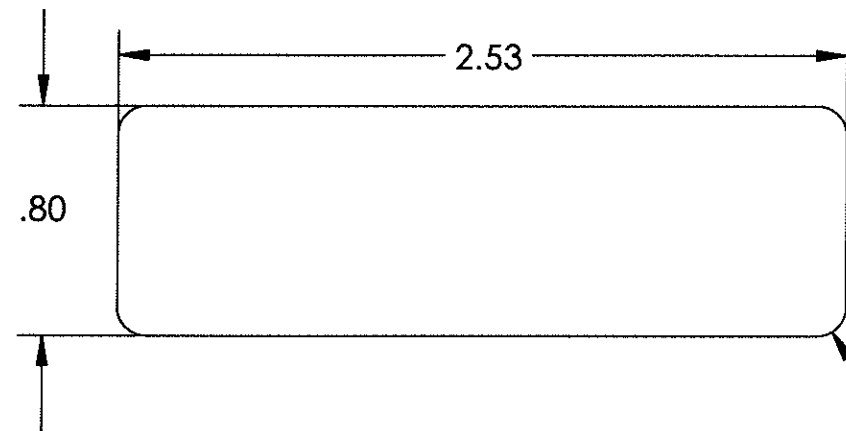
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649.4818



649.4819



ORIGINAL DATE [MO-DA-YR] 11-02-11		<b>DART</b> AEROSPACE		3030 ENTERPRISE CT., SUITE A VISTA, CA. 92081 (760)-724-5300	
DRAWN BY A. QUAN		CHECKER P. BRAVO			
DRAWING APPROVAL P. BRAVO 11-02-11					
CONTRACT No.					
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.03 3 PLACE DECIMALS ±.010 ANGLES ±.5°		SIZE B	CAGE CODE 07MZ6	DWG. NO. 649.4800	REV. D
SCALE NONE				SHEET 7 OF 8	

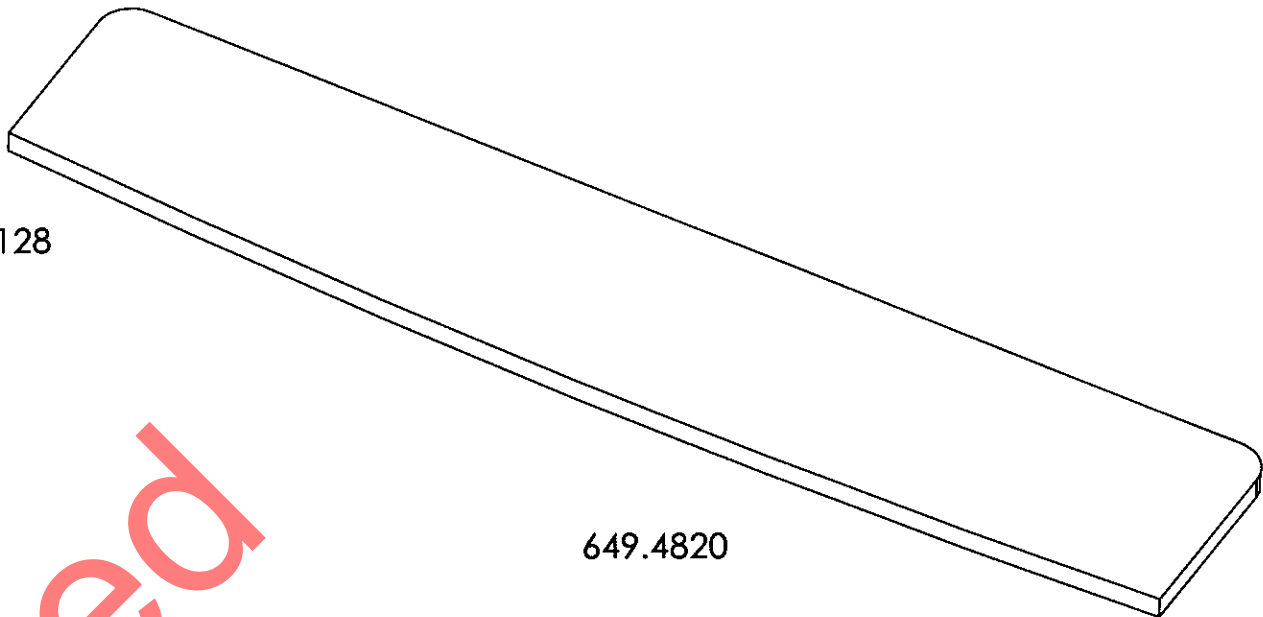
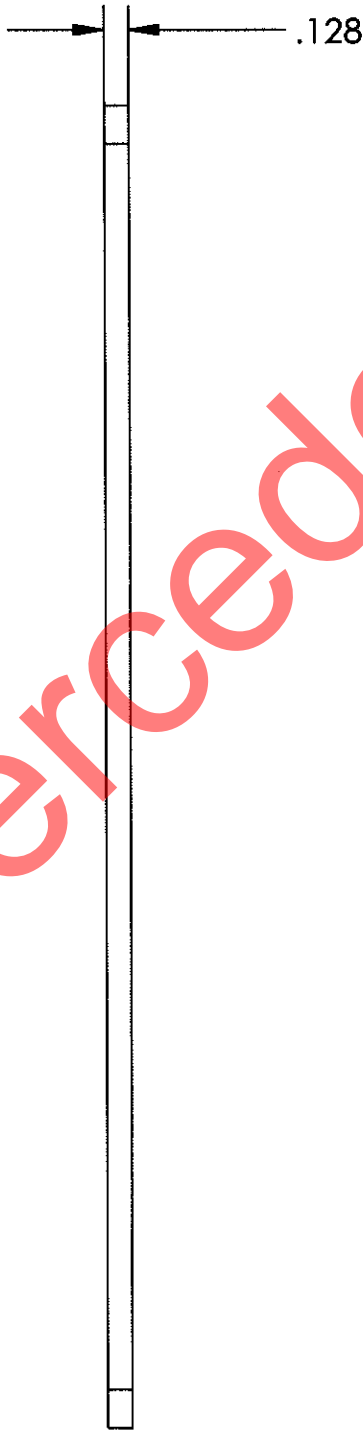
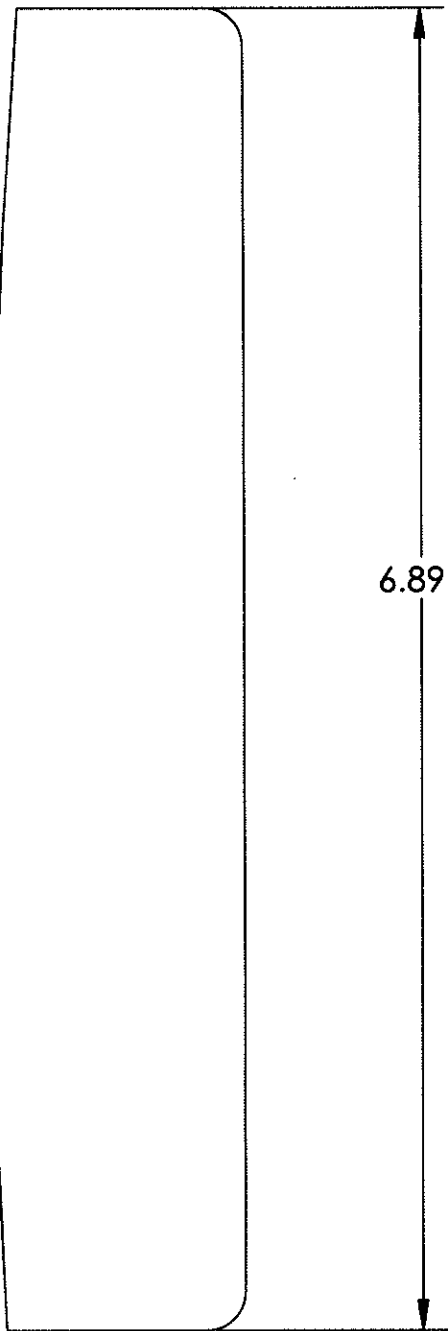
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Superseded

ORIGINAL DATE (MO-DA-YR) 11-02-11		<b>DART</b> 3030 ENTERPRISE CT., SUITE A VISTA, CA. 92081 APICAL INDUSTRIES, INC. dba DART AEROSPACE (760)-724-5300	
DRAWN BY A. QUAN		CHECKER P. BRAVO	
DRAWING APPROVAL P. BRAVO (11-02-11)		SHEETMETAL	
CONTRACT No.		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.01 3 PLACE DECIMALS ±.005 ANGLES ±.5°	
SIZE B	CAGE CODE 07MZ6	DWG. NO. 649.4800	REV. D
SCALE NONE		SHEET 8 OF 8	